

Luminaire Schedule

Symbol	Qty	Label	Arrangement	LLF	Description	Lum. Watts	Lum. Lumens
	6	W2	Single	1.000	RWL1-48L-10-4K7-4W-U	10.1	1336
	1	W1	Single	0.850	RWL1-48L-20-4K7-4W-U	19.9	2671
	2	P1	Single	0.850	VP-S-24L-5S-4K7-4W-BG	53.2	3815

Calculation Summary

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
DRIVE LANE PARKING	Illuminance	Lux	10.33	17.9	2.7	3.83	6.63



VIPER S
SMALL VIPER LUMINAIRE

FEATURES

- Small size - comparable to Viper Large
- Wide choice of different LED lighting configurations
- Fine optical distributors
- Designed to replace H80 lighting up to 4000 MH in areas
- Suitable for rear location



CONTROL TECHNOLOGY



SPECIFICATIONS

- CONSTRUCTION**
- Corrosion resistant, die-cast aluminum housing with anodized end caps. Finish: silver, 6001 T6, 10000 hour salt spray.
 - Electrical hardware is corrosion resistant
- OPTICS**
- Customized LED lighting with integral heat sinks is offered to the board so that it can be built overhead as a non-point light system
 - One-piece silicone gasket ensures a weatherproof seal around each individual optic
 - CRIP optic optic on cast-iron - systems consisting of an LED engine, optics, gasket and stainless steel bezel
- INSTALLATION**
- Mounting options for horizontal and vertical fixture or horizontal with mounting bracket (bracketing hardware included)
- ELECTRICAL**
- Luminaire accepts 100V through 277V, 50/60 Hz, 400V input 50 Hz to 60 Hz (50/60 Hz)
 - Ambient operating temperatures: 0°C to 20°C
 - Power factor is > 0.9 at full load
 - Dimming Drivers are standard and dimming loads are connected to the luminaire luminaire control optics require connection to the dimming driver. Max. specify if dimming loads are to be greater than 100% of standard

- ELECTRICAL CONTROLS**
- Construction as described in the luminaire may carry the name flow 800V of rated load and is certified by UL for use at 800VAC @ 90°C or higher
 - Plug elements are certified by UL for use at 400 VAC, 70°C or higher. 10000 hour salt spray test only
 - Failure electrical components contain all LED driver components
 - Optional 7 pin, 400V CEM at 2000 Tolu, LED driver control components available. Compatible with DALI, DALI-2, DALI-2 extended, DALI-2 extended, DALI-2 extended
 - Surge protection, 20kV
 - Lifetime: 50,000 hours (Electrical Output)
- CONTROLS**
- Available with an optional gasketed LED driver control component for dimming. Includes 800V and 1000V. When the gasket is removed for the specified time the luminaire response system reduces the challenge to factory preset level, reducing the light level accordingly. 800V and 1000V. When the gasket is removed the luminaire returns to full output and light output. Please contact Beacon Products if you'd like to request a copy of the Technical Agreement effective 04/09/2020. See www.beaconlighting.com
 - Is capable with www.beaconlighting.com for optional dimming, based dimming with simple dimmer or dimming based on motion or light



RELATED PRODUCTS



RATIO Wall
RWB1111 LED WALLPACK

FEATURES

- Use perfect LED wall luminaire with a variety of LED distributions for lighting applications with an excellent, corrosion resistant industrial looking finish
- Featuring Micro Spike Optics which increases target area illumination with minimal beam at the fixture side, reducing light spillage
- Visual comfort standard
- Control systems including photocell, occupancy sensing, 0-10V Dimming, DALI, ZigBee, and 7 Pin with optional controls
- Battery Backup options available for emergency code compliance
- Dark Mount option allows easy installation in recessed areas
- 80V and 120V versions for indoor applications in Canada
- Back compatible with 3000K and 5000K configurations at 4000W



RELATED PRODUCTS

CONTROL TECHNOLOGY



SPECIFICATIONS

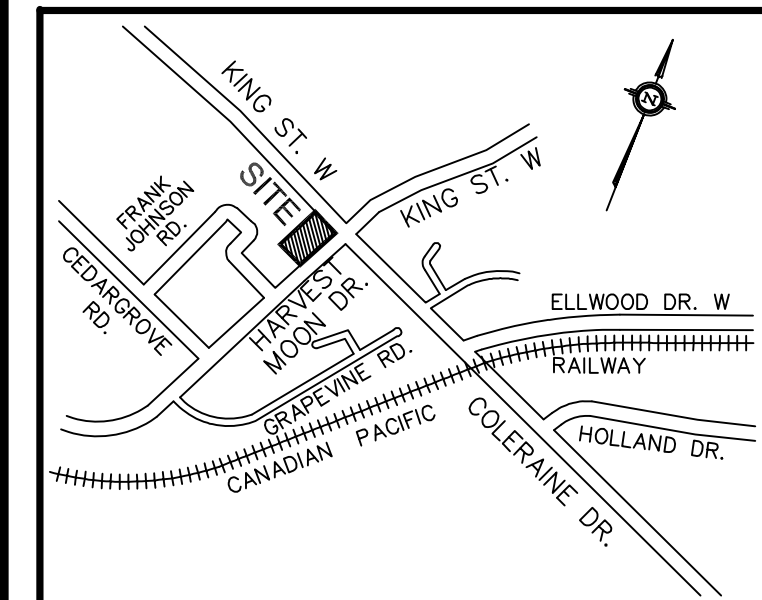
- CONSTRUCTION**
- Die cast housing with stainless steel finish. Use that are appropriate for local climate while keeping a clean smooth outer surface
 - Corrosion resistant, die-cast aluminum housing with anodized end caps
 - Powder coat finish provides durability to outdoor environments. Finish to meet 1000 hour salt spray testing
- OPTICS**
- Three optical beam patterns to create a larger luminaire surface area resulting in a less glare appearance without sacrificing optical performance
 - 10000, 4000K or 5000K (20 CRI) CCT
 - Die cast light distribution
 - LED optics provide 80, 100, 120 and 140 degree beam angles
- INSTALLATION**
- Luminaire is suitable for outdoor use. Installation is made by the installer. Please refer to the ILLC 11.2018 R Reg Approval Certificate. Minimum code book requirements effective 04/09/2020. See www.beaconlighting.com
 - Designed for direct (down) mount
 - Mount back can contain 1/2" vent holes
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- ELECTRICAL**
- 120V/277V universal voltage 50/60 Hz 50V dimming
 - 80V and 120V universal voltage options for all voltages above 80V

- CONSTRUCTION CONTINUED**
- Die cast housing with stainless steel finish. Use that are appropriate for local climate while keeping a clean smooth outer surface
 - Corrosion resistant, die-cast aluminum housing with anodized end caps
 - Powder coat finish provides durability to outdoor environments. Finish to meet 1000 hour salt spray testing
- OPTICS CONTINUED**
- Three optical beam patterns to create a larger luminaire surface area resulting in a less glare appearance without sacrificing optical performance
 - 10000, 4000K or 5000K (20 CRI) CCT
 - Die cast light distribution
 - LED optics provide 80, 100, 120 and 140 degree beam angles
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REV DATA	
Revision Range	1.000-1.000
Part No. Range	10-101
Order No. Range	101-101
Project No. Range	101-101
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Contractor must check and verify all dimensions and be responsible for same, reporting any discrepancies to the Engineer and architect before commencing work. Prints shall not be used for construction until signed 'Approved For Construction' by the Engineer. Prints are not to be scaled. All drawings, prints and specifications are the property of the Engineer and shall be returned to him on completion of the work. All work shall be performed in accordance with the latest edition of the ONTARIO BUILDING CODE, NATIONAL BUILDING CODE and regulatory regulations of the Town of Caledon Building Department. These notes are to be read in conjunction with all drawings and specifications.

No.	Date:	Revision:	D'wn.	Ch'd.
1.	10/1/2021	ISSUED FOR SPA	SA	SA



KEY PLAN

SCALE: N.T.S.

LEGAL DESCRIPTION:
PART 2-SUBJECT TO EASEMENT IN GROSS AS IN INST. NO. PR170814 AND SUBJECT TO EASEMENT FOR ENTRY AS IN INST. NO. PR191573
PART 3-SUBJECT TO EASEMENT FOR ENTRY AS IN INST. NO. PR191573

PLAN OF SURVEY OF PART OF LOT 9, CONCESSION 5 (GEOGRAPHIC TOWNSHIP OF ALBION) TOWN OF CALEDON REGIONAL MUNICIPALITY OF PEEL

APPLICANT:
HUMPHRIES PLANNING GROUP INC.
190 PIPPIN ROAD, SUITE A
VAUGHAN, ON L4K 4X9
TEL: 905-264-7678 EXT. 244
EMAIL: rhumphries@humphriesplanning.com

OWNER:
HARVESTON CENTRE INC.
3 BROWNING COURT
BOLTON, ON L7E 5S6
TEL: 905-857-3266
EMAIL: vince@boltonrailings.com

ARCHITECTS / ENGINEERS:
SOSCIA PROFESSIONAL ENGINEERS INC
10376 YONGE STREET, SUITE 307
RICHMOND HILL, ON L4C 3B8
TEL: 905 237 5410
FAX: 905 237 5413
CEL: 416 704 3868
E-MAIL: hmo@socioeng.ca



SOSCIA
PROFESSIONAL ENGINEERS INC.
10376 YONGE STREET, SUITE 307
RICHMOND HILL, ON L4C 3B8
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T 905. 237. 5410
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Project:
PROPOSED: STACKED TOWNHOUSE DEVELOPMENT
13656 EMIL KOLB PARKWAY
CALEDON, ONTARIO.

Sheet title:
SITE PLAN LIGHTING LIGHTING SCHEDULE

Job no. 20-007

Scale: AS NOTED Date: DEC 2020 D'wg. no. E3

Drawn: SA Checked: SA